DLA Support of the Navy Nuclear Reactor Program

Nuclear Reactor Program (21N)

- Topics
  - NRP Background/History/Fundamentals
  - Performance Based Agreement (PBA)
  - IRPODs
  - Support Processes & Tools/Forecasting
  - ShipALTs/Outfittings
  - Metrics/Reports

Public Law

- **Executive Order 12344 - Signed by President Reagan in 1982**

  – "… Administration of the Naval Nuclear Propulsion Program, including oversight of program support in areas such as security, nuclear safeguards and transportation, public information, procurement, logistics, including supply support of all components…"

- **Provisions set forth in Public Laws 98-525 (1984) and 106-65 (1999)**

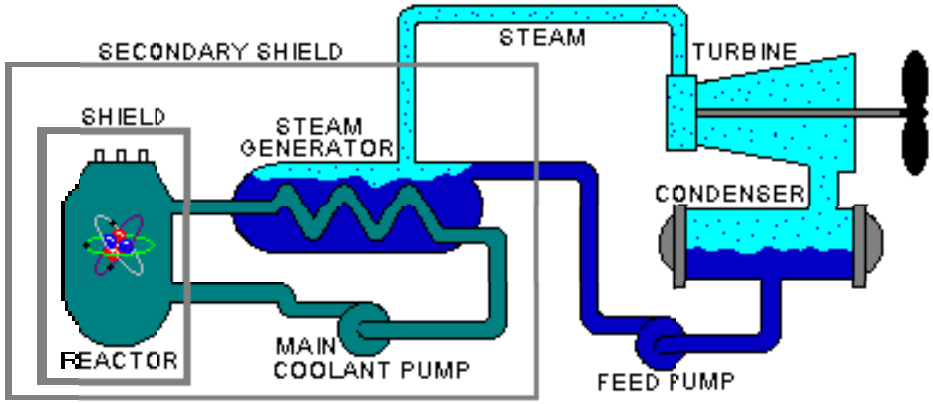
  – "…acquisition, procurement, inspection, certification, testing, and supply support…"

  – "…oversight of program support in areas such as procurement, logistics,and fiscal management."

Nuclear Reactor Program (21N)

Performance Transformation Culture

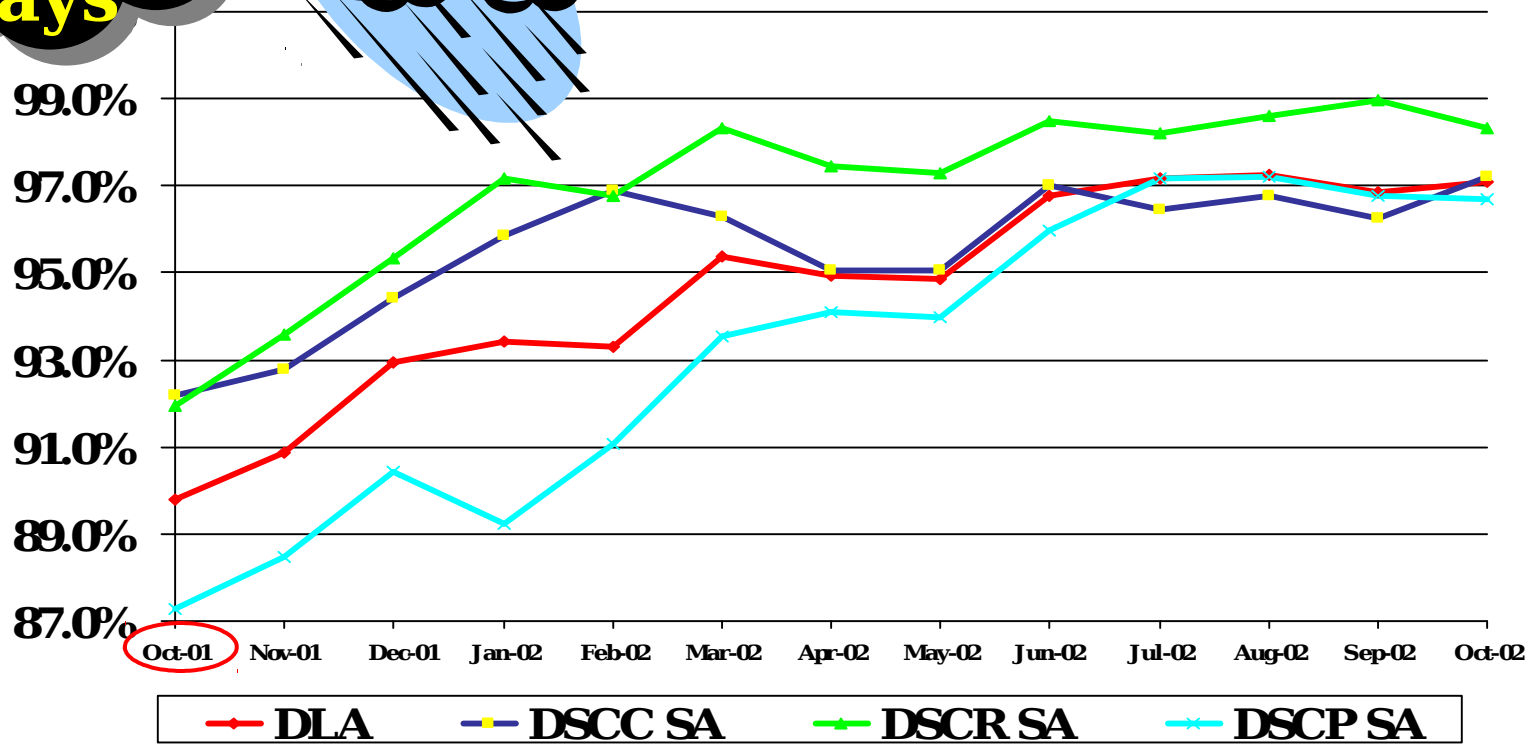
Nuclear 101



PRESSURIZED WATER REACTOR

DLA 21N SA History

The Dark Days



NRP Program Fundamentals

Performance Transformation Culture

Navy Program

- Ensure High Quality Material is Readily Available
- Validate Accurate & Timely Technical Data
- Provide Superior Supply Chain

DLA Execution

- Specialized Training for Buyers and Product Assurance Specialists
- Procurement Quality Reviews
- Immediate Engagement of ESA
- Increased Attention to IRPODs
- NRP stockage policy
- Investment Strategy

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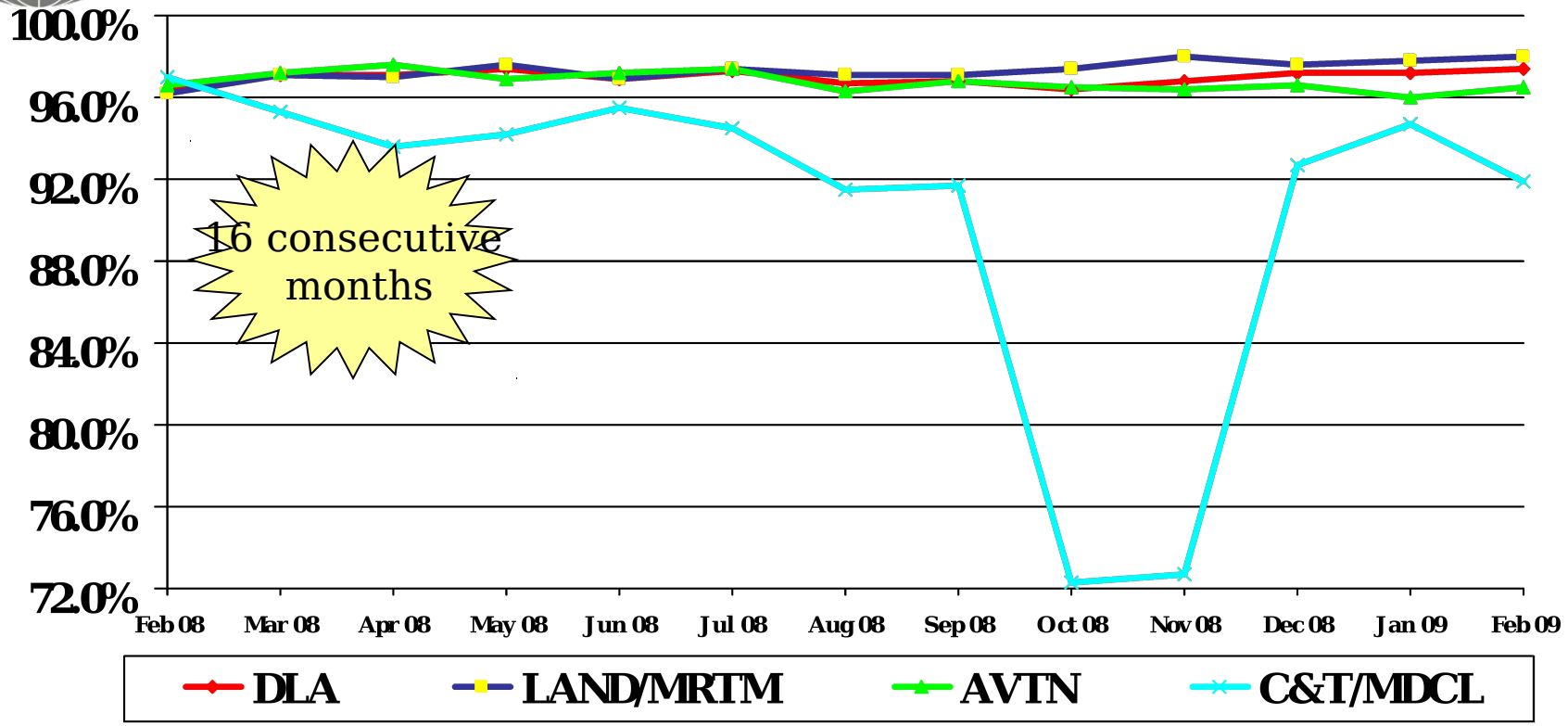
Performance Based Agreement (PBA)

- Agreement Between DLA and NAVICP
- Effective 1 May 2006
- Terms:
  - Material Availability 95%
  - Stockage Policy Expectations
  - Collaboration (DDE) on specified NSNs
  - Use of Individual Repair Parts Ordering Data (IRPOD)
  - Source Restricted Items
  - Technical Collaboration with ESA
  - Dedicated Personnel
  - Monthly Metrics/KPIs
  - No Disposals of 21N coded items

21N Material Availability



	Feb 08	Mar 08	Apr 08	May 08	Jun 08	Jul 08	Aug 08	Sep 08	Oct 08	Nov 08	Dec 08	Jan 09	Feb 09
DLA	96.3%	97.1%	97.1%	97.4%	96.9%	97.3%	96.7%	96.8%	96.4%	96.8%	97.2%	97.2%	97.4%
LAND/MRTM	96.2%	97.1%	97.0%	97.6%	96.9%	97.4%	97.1%	97.1%	97.4%	98.0%	97.6%	97.8%	98.0%
AVTN	96.6%	97.2%	97.6%	96.9%	97.2%	97.4%	96.3%	96.8%	96.5%	96.4%	96.6%	96.0%	96.5%
C&T/MDCL	97.0%	95.3%	93.6%	94.2%	95.5%	94.5%	91.5%	91.7%	72.3%	72.7%	92.7%	94.7%	91.9%

Source: DLA METRICS

FEB 2009

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IRPODS

- **Definition**
- **Identification - SPC Code 02**
  - **Found in Material Master/Classification Tab/CIM Tab**
  - **Found in DoD E-mall, NSN General Info screen (CSIC)**
- **# of items – 8-12% of total NRP population, depending on SC**
- **Processes and procedures**
  - **Uniform acquisition, tech, & quality guidance across the enterprise**

IRPODS

Release 2.2

- SPC (02) Updates are Automated Based on IRPIL Changes
- Automated Reassignment to Product Specialist Based IRPIL Changes
- EBS IRPOD Job Aid approved & posted in Dec ’05

Audits

- Enterprise wide IRPOD Audit
- Continual self-policing

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NRP Material Management Support Processes & Tools

- **Enhanced Safety Levels**
  - **Applied to all replenishment (AAC D) items**
    - **S/L targets 98% MA**
- **Minimum stockage levels on all non-replenishment (AAC Z) items**
  - **SCR BPL-06-102 sets min (1.5) and max (3) levels**
  - **Ensures readiness is met on slow moving items**
- **Elimination of outlier "override" during demand planning**
  - **Provides for more robust forecast**
- **Dedicated personnel for planning and procurement**
  - **Dedicated Demand Planners in Customer**

Forecasting

- NRP requirements forecasted like any other DLA item
  - Enhancements as listed on previous slide
- SPRs are used to forecast known requirements for NRP ShipALTs (project code ZF6) and Outfittings (project code ZN2)
  - Exceptions
  - Short-fuses
- PR generation requests outside planning window
  - May occur when boat/ship need material w/in lead-times (SPRs not

ShipALTs & Outfittings

- Requirements forecasted using SPRs, when applicable.
  - Unknown/surprise requirements may cause a request to generate a PR for immediate support.
- Discussed on bi-weekly teleconference with NAVICP-M/Code 87 (NRP PM office)
  - CASs or SCPOCs brief status of items
  - DLA needs to provide the best & most complete status
  - Timeliness – when a CAS or SCPOC queries Supplier Ops on an ShipALT or Outfitting requirement, please do NOT treat as routine.

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  - Metrics/Reports/DLA Interaction with NAVICP

Metric Reporting Roll-Up

Legacy – MOA

RIC	DSC	Goal
S9C, S9E	DSCC	95%
S9G	DSCR	95%
S9I, S9M, S9T	DSCP	95%

EBS - PBA - Supply Chain (SC)

SC	RIC	Goal
Land, Maritime	SMS	95%
Aviation	SMS	95%
C&T, C&E, Medical	SMS	95%

NSN Profile

DLA

Supply Chain	Total NSNs
Aviation	5,402
Land	987
Maritime	23,581
C&E	13
Medical	74
C&T	31

DSC

Supply Chain	Total NSNs
Aviation	1,942
Land	55
Maritime	1,364
Total	3,361

Analyst Support & Metrics

- **Daily MA report**
- **Monthly Reports**
  - **Monthly MA**
  - **Expanded Metrics**
- **Weekly PR/PO Report**
- **Adhoc Data Requests**

DSCC & NAVICP Interaction & Oversight

- **Performance Based Agreement (PBA) is our guide**
- **Multiple reports published by WSSM**
  - **Daily & Monthly MA reports**
  - **Monthly metrics report**
  - **Bi-weekly open PR/PO report**
- **Bi-weekly conference calls with Code 87 to discuss emergent ShipALT & Outfitting requirements and issues**
- **Annual visits to each other's Commands, and "Assist Visits" to DSCC, DSCP and DSCR when warranted**

Results – 16 consecutive months exceeding 95% MA requirement; 100% support for NRP maintenance availabilities; and decreasing backorders (26 month

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  - Programmatics

Programmatics

- **Monthly Report and Metrics to NAVICP and DLA Leadership**
  - **Action on MA degraders and updates to support EPR & local Command briefings**
- **Bi-weekly Conference Calls with SCPOCs, WSSM and NAVICP Team to Cover Emergent ShipALT and Outfitting Requirements and Issues**
  - **Timely support and updates on these issues & NRP priorities**
- **Daily MA Provided to Key Personnel for all SCs**
  - **Attention to degraders**
- **Daily E-mail/Phone Calls/SARs**
  - **Timely responses to WSSM/SCPOCs/CASs/Customers**
- **EBS/DoD E-mall**
  - **Updated item notes**

mprehensive & Timely Information; Attention to detai

Keys to Success

- **A "heightened" weapon system focus**
  - **Maintaining 95% MA**
  - **Supporting 100% Outfittings & ShipALTs**
- **Pro-actively identifying problem items and taking action**
- **Communication**
  - **Identifying the correct POCs**

Importance of Naval Nuclear Propulsion

Central Design Agent

- GOCOs
- Bechtel Plant and Manufacturing

DLA/NAVICP

NUCLEAR POWERED FLEET

- 83 Ships
- Over 40% of major combatants

R&D/TRAINING REACTORS

- Train 3000 students/year

SHIPYARDS

4 Public / 2 Private

"Over 134 million miles safely steamed"

Summary

- **DLA: A full partner with NAVICP**
- **Intense management oversight; an absolute must!**
- **Share information / knowledge; key to successful support**
- **Standard processes and procedures**
  - **IRPODS**
- **Timely, responsive support needed**
- **MA – 95% and above**

Nuclear Reactor Program (21N)

Performance Transformation Culture

"Good ideas are not adopted automatically. They must be driven into practice with courageous impatience. Once implemented they can be easily overturned or subverted through apathy or lack of follow-up, so a continuous effort is required."

-- Admiral Hyman G. Rickover